

10 February 2013

Ms. Kelly Manheimer
U.S. Environmental Protection Agency
75 Hawthorne Street
San Francisco, CA 94105

**Re: January 2013 Monthly Progress Report (electronic submittal)
North Hollywood Operable Unit, Second Interim Remedy, Groundwater Remediation Design**

Dear Ms. Manheimer:

Attached is the January 2013 monthly progress report for the North Hollywood Operable Unit (NHOU), pursuant to the Administrative Settlement Agreement and Order on Consent for Remedial Design (RD-AOC) for the North Hollywood Operable Unit (NHOU).

Please contact me at (510) 663-3996 if you have questions regarding this submittal.

Sincerely,

AMEC Environment & Infrastructure, Inc.

A handwritten signature in blue ink, appearing to read "Michael Taraszki".

Michael Taraszki, PG, CHG, PMP
Project Manager

A handwritten signature in blue ink, appearing to read "Robert Hartwell".

Robert Hartwell, PE
Engineering Manager

with permission
for

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Distribution:

Ms. Carolyn Monteith (Lockheed Martin)
Mr. Benny Dehghi (Honeywell)
Mr. Vahe Dabbaghian (LADWP)
Ms. Poonam Acharya (DTSC)
Mr. Chi Diep and Susan Brownstein (CDPH)
Mr. Larry Moore (RWQCB-LA)
Mr. Richard Slade (ULARA Watermaster)
Mr. John Lindquist (CH2M Hill)

JANUARY 2013 NHO PROGRESS REPORT

Activities Completed for the Report Period

- On January 24, 2013, EPA stated they have no further questions regarding AMEC responses to EPA comments regarding the Building Conditions Assessment report.
- Continued to discuss access agreement needs for privately owned monitoring wells:
 - Well 4909F: Vulcan Materials has not permitted access to this well; we have reiterated our requests for their schedule to install the replacement well.
 - Well 4928A: Maintained communications with EPA regarding Los Angeles County access to this well to analyze a sample for all NHO COCs.
- Completed the first semi-annual sampling event of the Phase 1 Pre-Design Investigation, including:
 - Downhole electronic borehole flow (EBF) meter measurements completed at wells NH-C19360, NH-C09-360, NH-C23-310, NH-C05-460, NH-C10-360, and NH-C10-280.
 - Pneumatic slug testing completed at NH-C01-450, NH-C02-325, NH-C03-380, NH-C09-310, NH-C10-280, NH-C12-280, NH-C13-385, NH-C14-250, NH-C16-390, NH-C17-255, NH-C22-460, and NH-C23-310. Wells NH-C24-410 and NH-C04-240 were not accessible, and NH-C07-300 was not able to be tested by the pneumatic method due to a partially unsaturated screen interval.
- Provided final laboratory analytical reports to EPA for samples collected as part of the Phase 1 Pre-Design Investigation, pursuant to the AOC. Reports were also provided to LADWP for samples collected from LADWP-owned monitoring wells, pursuant to our access agreement.
- Terminated efforts to remove the submersible pump from well NH-C05-320; equipment left in place will not impair future monitoring at this location; however, EBF measurements cannot be collected.
- Returned submersible pump to Lockheed Martin for their well LA1-CW05.

Issues and Corrective Actions

- LADWP has requested that AMEC install new pumps (to be provided by LADWP) in wells 4918A and 4909C because the existing pumps were not operable. AMEC plans to install LADWP-provided pumps following the second semi-annual sampling event of the Phase 1 Pre-Design Investigation.
- Los Angeles County has denied our requests to access well 4928A or to allow collection of a split sample so that all NHO COCs (including hexavalent chromium and 1,4-dioxane) could be evaluated. EPA has been notified previously and we understand they will contact LA County to discuss the situation and develop an appropriate corrective action.
- On September 21, 2012, Vulcan Materials denied our August 6, 2012 request to sample well 4909F and requested that we wait for its replacement well to be installed and sample it instead. AMEC has received the replacement well design but neither their installation schedule nor work plan have been provided as of February 8, 2013. AMEC will continue to review the situation with EPA to develop an appropriate corrective action.
- Pneumatic slug testing at three wells could not be completed due to access issues and low water levels; other testing has been completed using an inflatable packer manifold.

Anticipated Activities for the Next Six Weeks

- Receive Final EPA comments on the Phase 1 Pre-Design Investigation Work Plan (conditionally approved by EPA on September 19).
- Submit a draft access agreement to LADWP and prepare for drilling two boreholes on LADWP property and completing them as piezometers, and performing aquifer tests at three of the NHOU extraction wells.
- Collect groundwater samples at privately-owned monitoring wells as part of the first semi-annual event of the Phase 1 Pre-Design Investigation, pending completion of access agreements.
- Attend a meeting with EPA and LADWP to be scheduled by EPA to discuss the Groundwater Management Plan.
- Pneumatic slug testing at NH-VPB-04 (as a replacement to NH-C04-240), NH-C19-290, and NH-C19-360.

Unresolved Issues/Potential Impacts to Schedule/Work Plan

- Access agreements to private well owners' properties may require EPA assistance to ensure groundwater monitoring data are obtained from monitoring wells included in the Phase 1 Pre-Design Investigation Work Plan. Delays in establishing access agreements may result in revision of the schedule for groundwater monitoring and/or drilling. EPA support will be requested if required.
- Removal of submersible pumps from EPA-owned monitoring wells and development of communication plan took longer than expected. Phase 1 Pre-Design Investigation field schedule has been revised accordingly, but the overall project schedule will not be substantively affected.
- Drilling, piezometer installation, and aquifer testing associated with the Phase 1 Pre-Design Investigation is pending completion of an access agreement with LADWP. EPA support will be requested if required.